

JMJD1C Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10318

Specification

JMJD1C Antibody - Product Information

Application	WB
Primary Accession	Q15652
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	284525

JMJD1C Antibody - Additional Information

Gene ID 221037

Application & Usage

Western blotting (1 - 4 µg/ml). However, the optimal conditions should be determined individually. The antibody detects JMJD1C of human origin. Reactivity to other species has not been tested.

Other Names

JmJc domain-containing histone demethylation protein 2C, jumonji domain-containing protein 1C, thyroid receptor-interacting protein 8, TRIP-8, TRIP8, JHDM2C, FLJ14374, RP11-10C13.2, DKFZp761F0118, KIAA1380

Target/Specificity

JMJD1C

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti- JMJD1C polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

JMJD1C Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

JMJD1C Antibody - Protein Information

Name JMJD1C

Synonyms JHDM2C, KIAA1380, TRIP8

Function

Probable histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a central role in histone code. Demethylation of Lys residue generates formaldehyde and succinate. May be involved in hormone-dependent transcriptional activation, by participating in recruitment to androgen-receptor target genes (By similarity).

Cellular Location

Nucleus.

JMJD1C Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

JMJD1C Antibody - Images**JMJD1C Antibody - Background**

JMJD1C is a member of the jumonji (jnj) domain containing gene family of histone demethylases that plays a role in chromatin regulation and influences transcriptional activation and suppression. Some recently characterized members of the jnj family include JARID1A/RBP2, JARID1C, JMJD1A, JMJD1B, JMJD1C, JMJD2A, JMJD2C and JMJD2D. JMJD1C has been identified as a nuclear-receptor coactivator and is a candidate gene for autism.